

Attorney Docket #: CYPR-CD00173 Inventor(s): Monte Mar 1/23

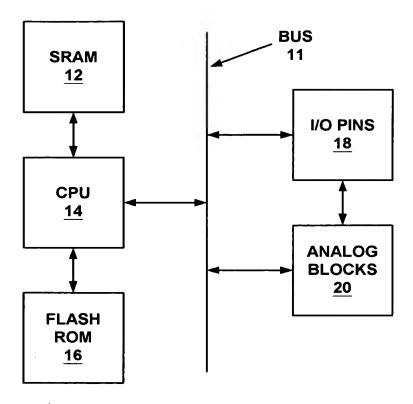


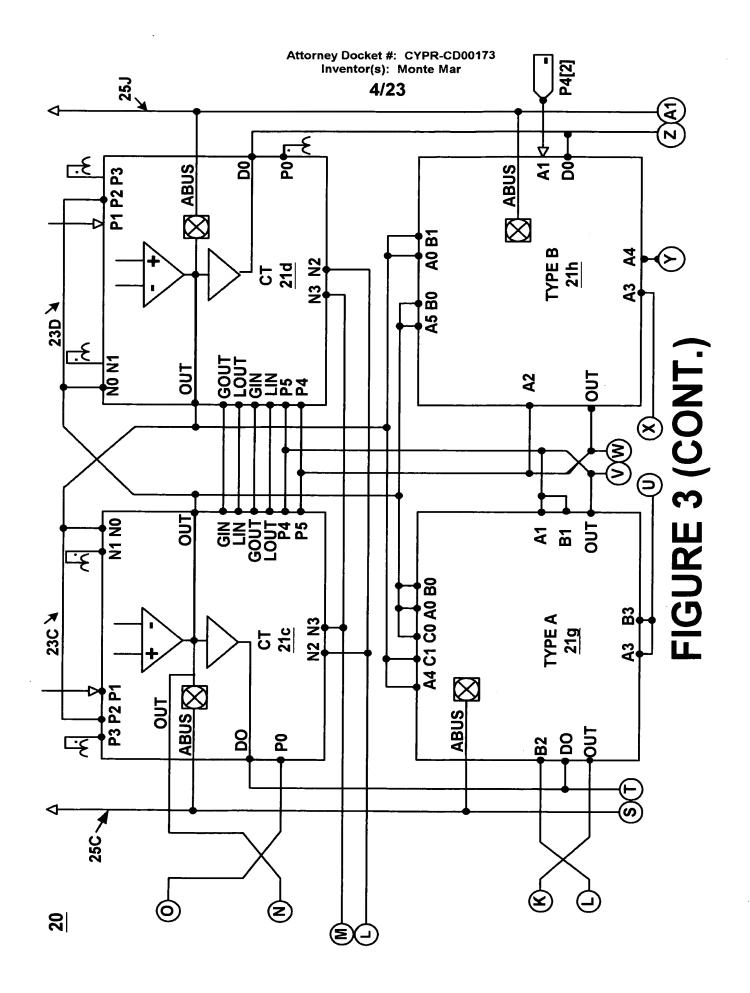
FIGURE 1

Attorney Docket #: CYPR-CD00173 Inventor(s): Monte Mar 2/23

ACOLUMN 02 ACOLUMN 3 ACOLUMN 0 ACOLUMN 1 23a 23c 23d 23b ACA00 ACA01 ACA02 ACA03 22a → <u>21a</u> **21**b <u>21c</u> <u>21d</u> ASA12 ASA10 ASB13 ASB11 22b → <u>21e</u> 21f <u>21g</u> 21h ASB₂₀ ASA21 ASB22 ASA23 22c → <u>21i</u> <u>21k</u> <u>211</u> <u>21j</u>

FIGURE 2

Attorney Docket #: CYPR-CD00173 Inventor(s): Monte Mar 3/23 25B 0 X ABUS X 8 3: W ABUS ₩ **P**0 8 P1 P2 P3 OUT **Ao B1 A**4 (ပာ TYPE B N3 N2 CT 21b 21f A5 B0 23B 🖈 No N1 OUT **A2** FIGURE 3 (E) N N N OUT A B ک A4 C1 C0 A0 B0 **B**3 TYPE A 21e 23A 🖈 СТ 21а ABUS (X) ABUS KY 8 2 8 **B**2 25A~ 22B 20



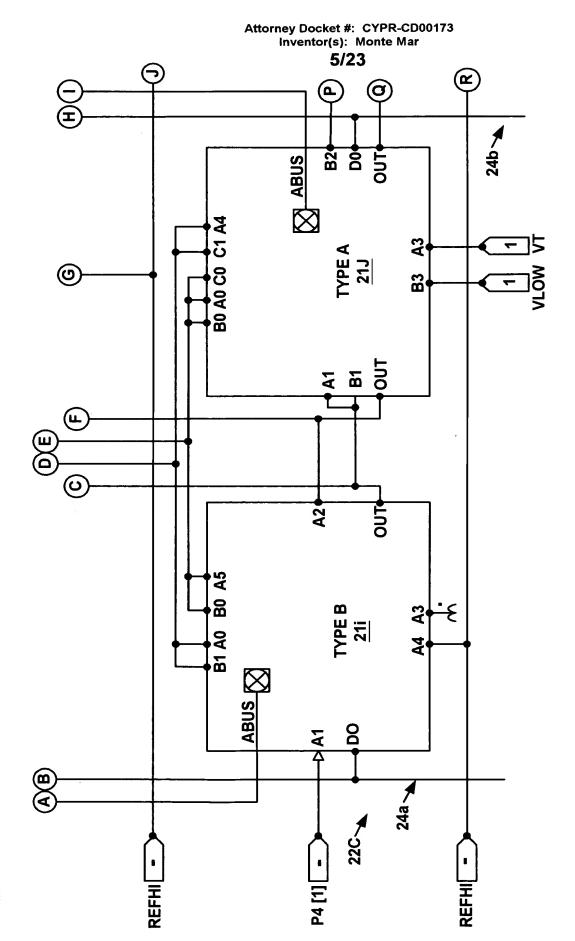


FIGURE 3 (CONT.)

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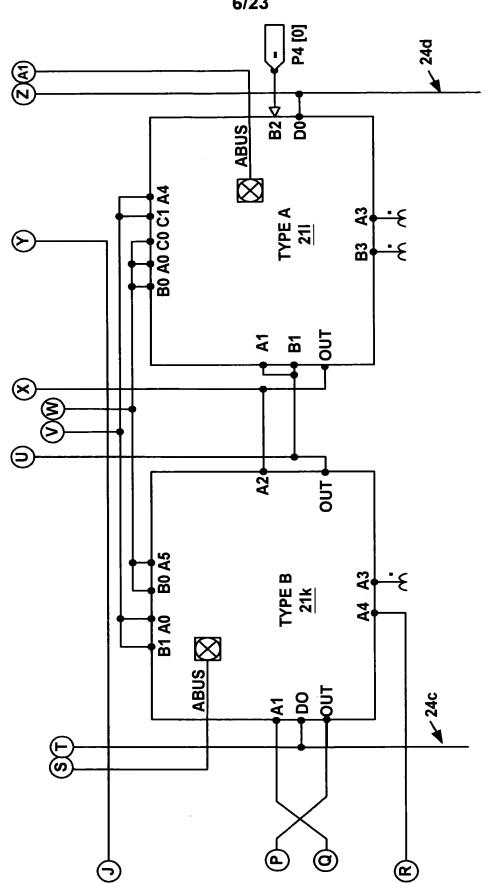
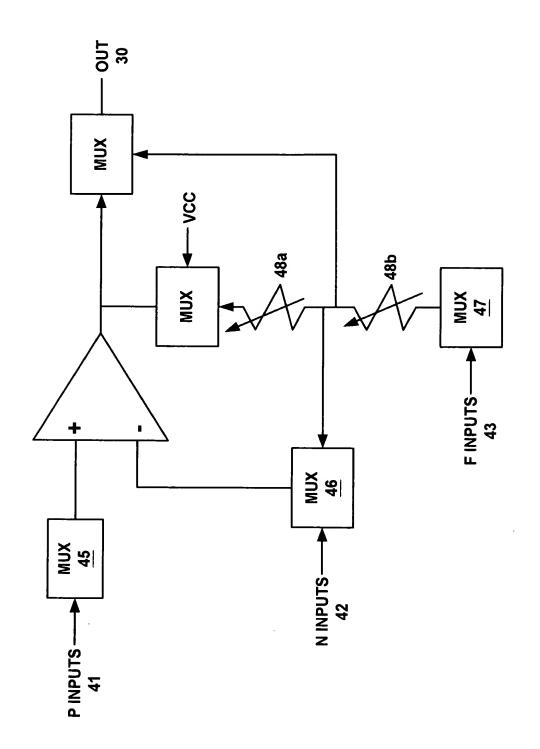


FIGURE 3 (CONT.)

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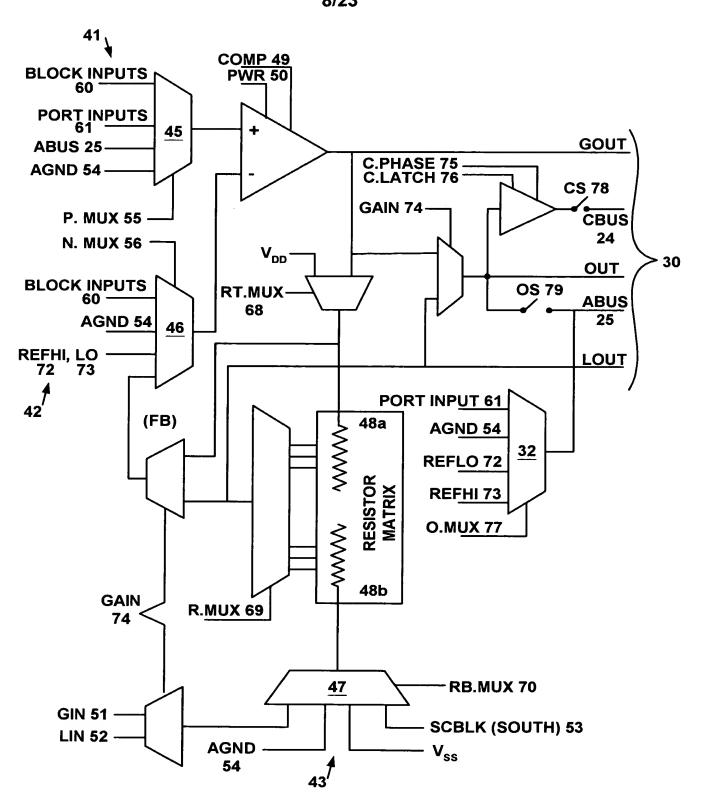
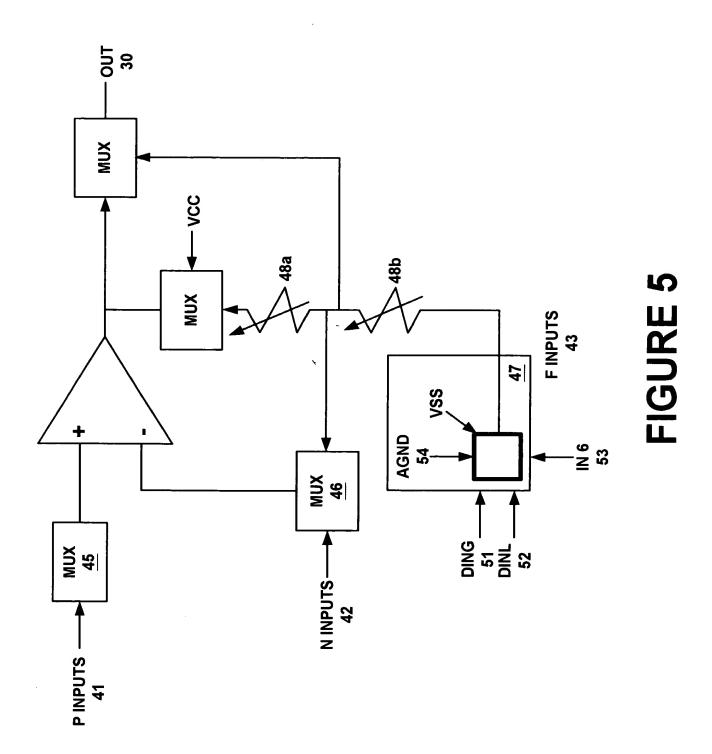


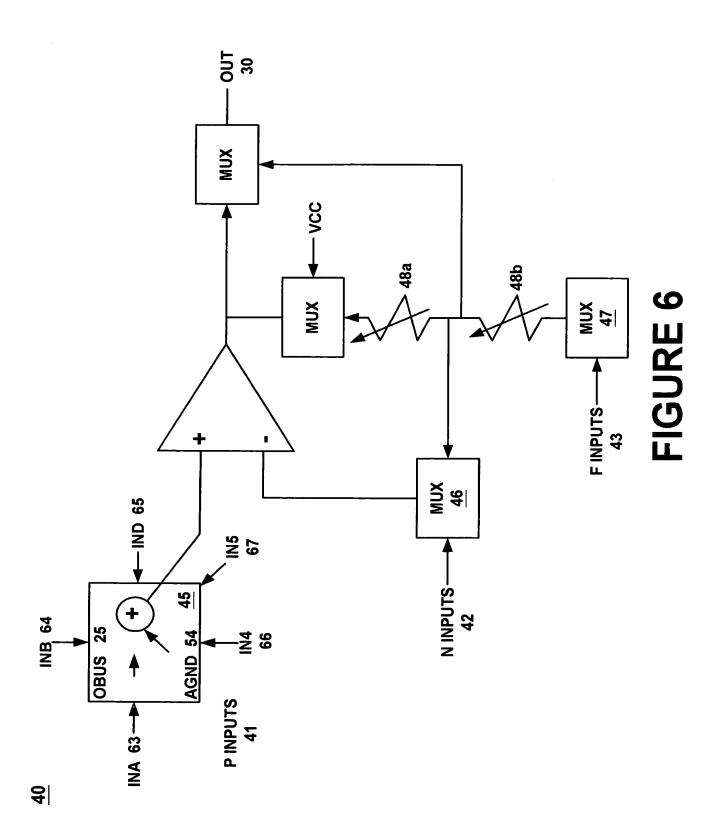
FIGURE 4B

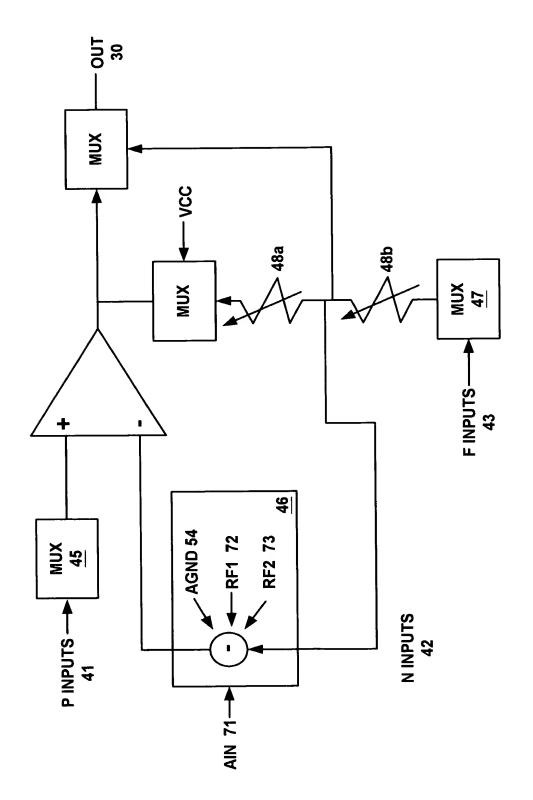
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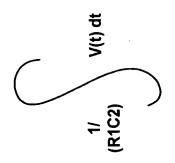


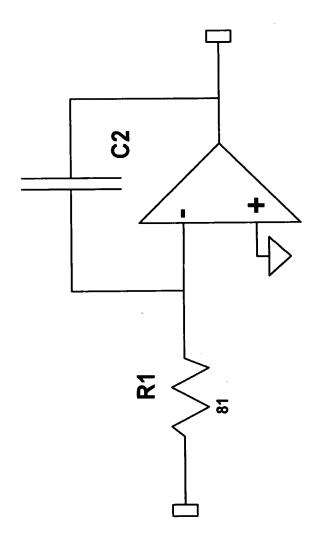
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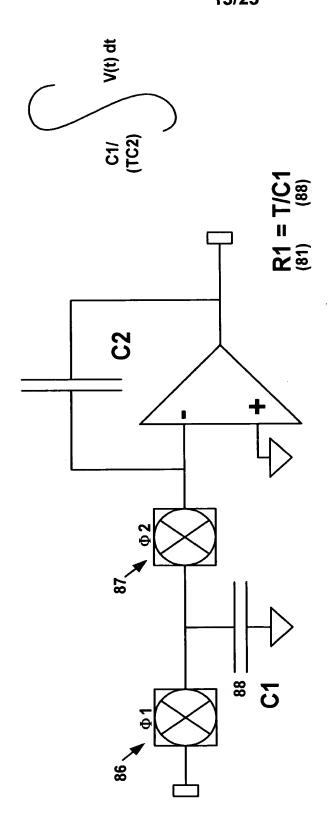


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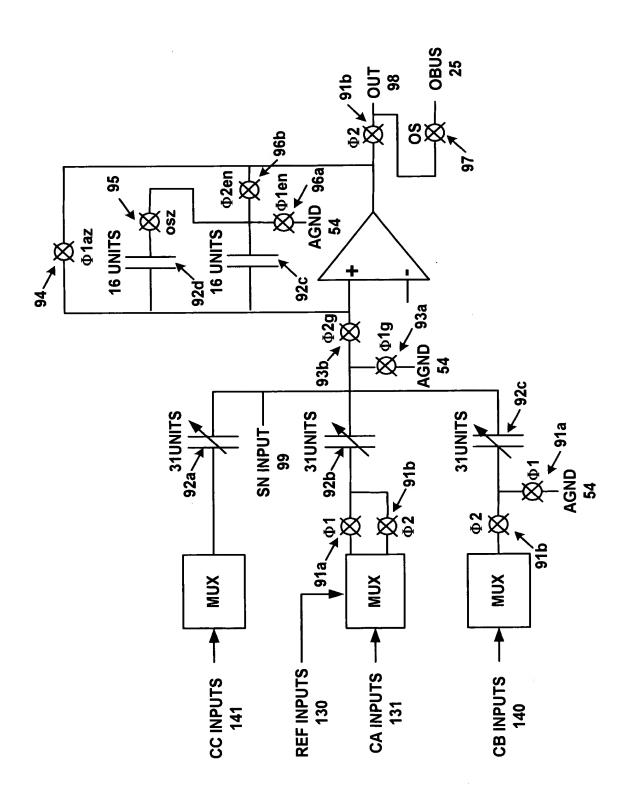
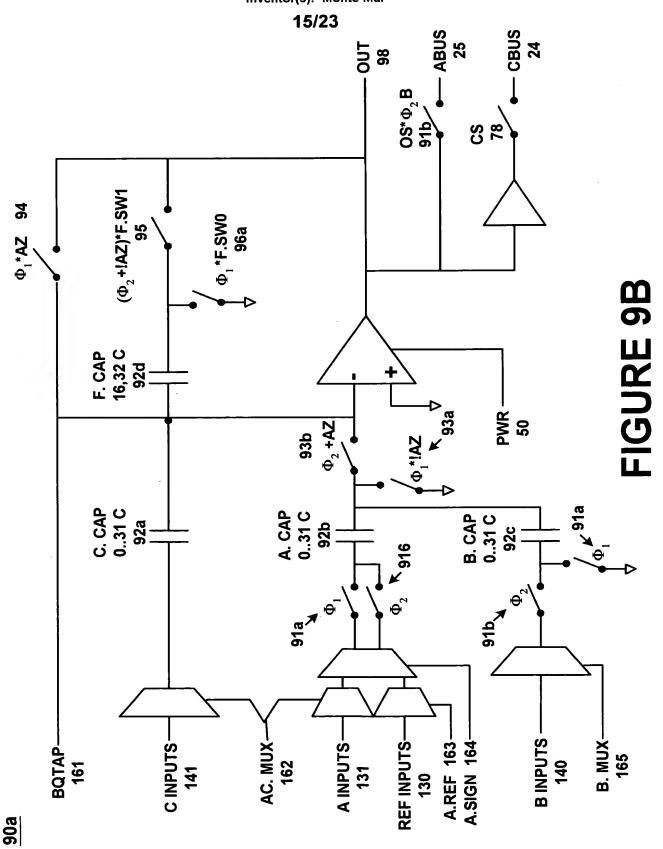
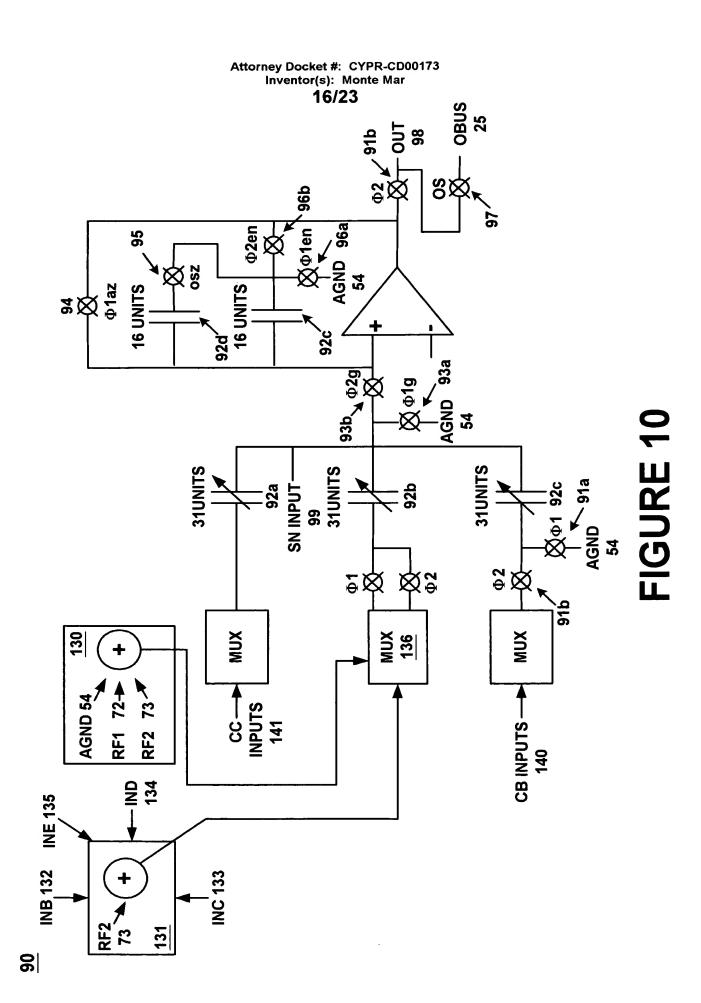
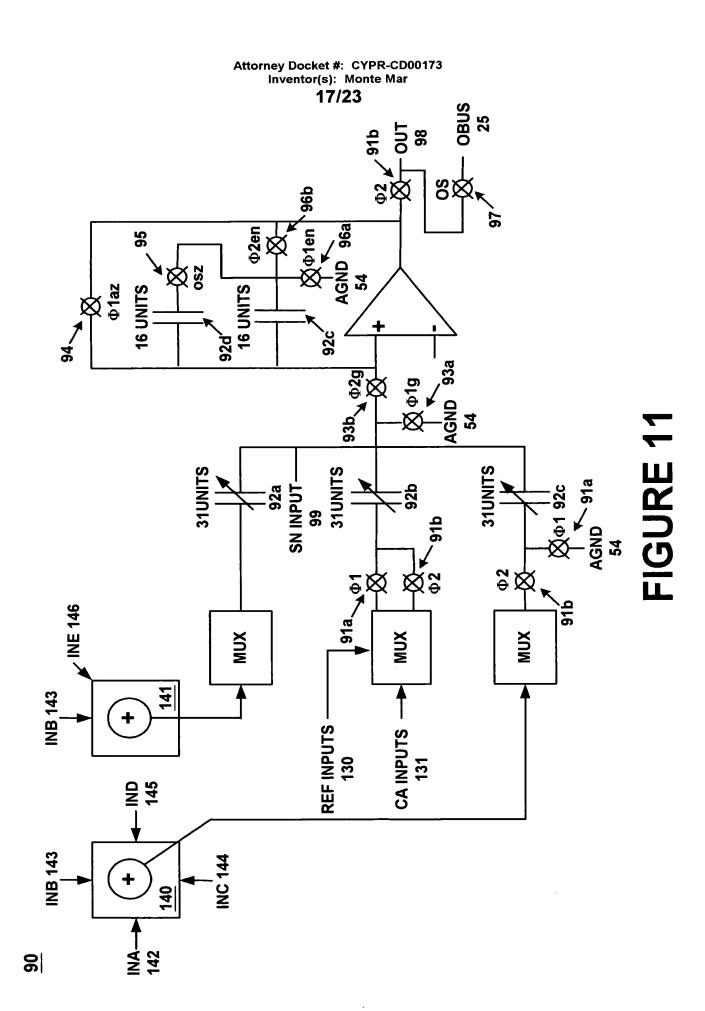


FIGURE 9A

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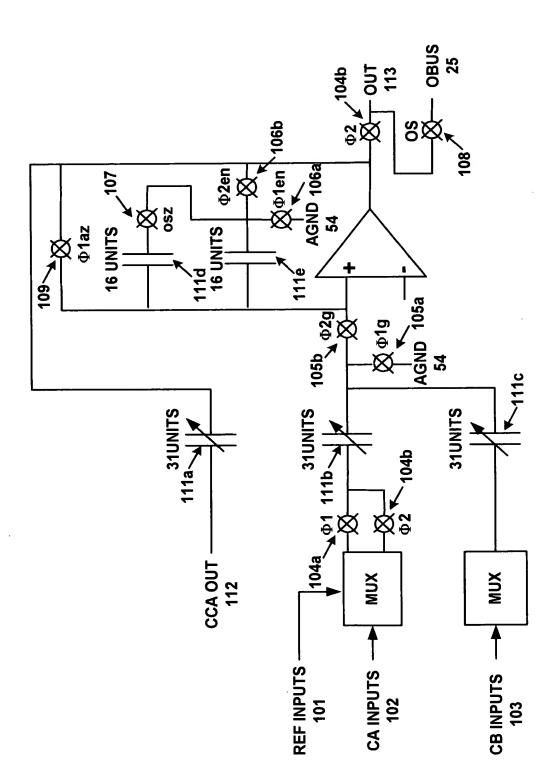


FIGURE 12A

Attorney Docket #: CYPR-CD00173 Inventor(s): Monte Mar 19/23 BQTAP **ABUS** CBUS 25 0UT 113 24 $\mathbf{OS}^*\Phi_2\mathbf{B}$ C. CAP 0..31C 111a CS 78 104b $(\Phi_2 + 1AZ)^*F.SW1$ 107 Φ,*F.SWO Φ, *AZ 106a FIGURE 12B F. CAP 16,32 C 111b PWR 50 104b Φ_2 + !B.SW Φ₁*B.SW ′ 104a $\Phi_2 \text{+AZ}$ 105b Φ₁*B.SW A. CAP 0..31 C B. CAP 0..31 C 111b 111c Φ_2 +!B.SW 104b Φ_2

A.REF 167-

A.SIGN 168

REF INPUTS-

19

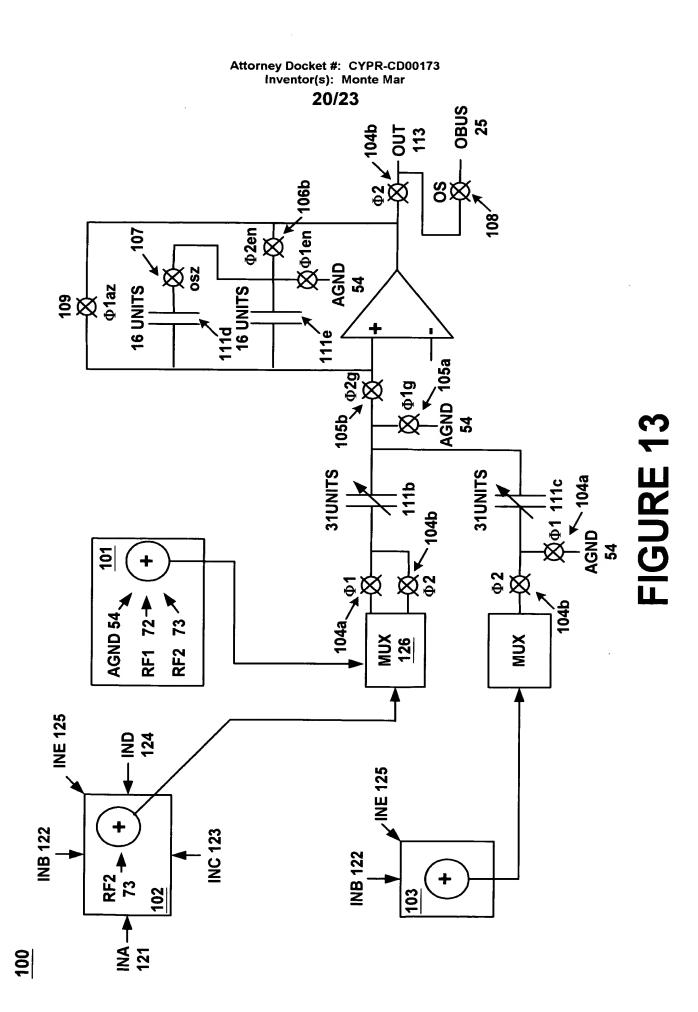
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A.MUX

B INPUTS -

B. MUX-169

100a

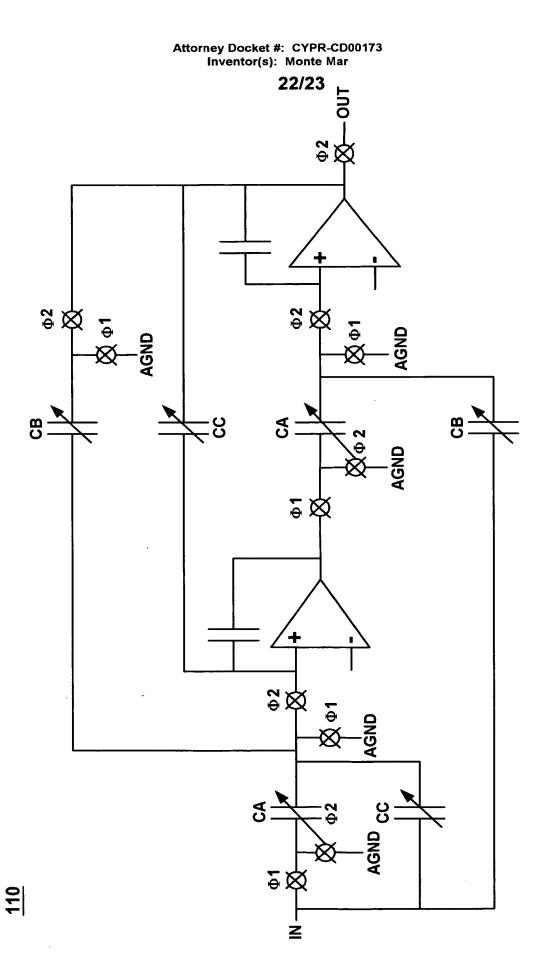


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21/23 OBUS 88 \$ **☆** 8 16 UNITS OBUS \$**☆ OUT** AGND **FIGURE 14A** 88 **BLOCK A BLOCK B** 31 UNITS 31 UNITS 31 UNITS 16 UNITS \$\$ ₽傚 AGND Ø. ⊕? **2**2 ♦ 31 UNITS 31 UNITS 31 UNITS **AGND SN INPUT** 140 **%** \$

Z

110



1500

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SELECT AN ANALOG BLOCK 1510

ELECTRICALLY COUPLE THE ANALOG BLOCK TO ANOTHER BLOCK TO IMPLEMENT A FUNCTION 1520

SELECTIVELY COUPLE OTHER ANALOG BLOCKS TO IMPLEMENT A DIFFERENT FUNCTION 1530